CB106858

Test results | Aquakem 7.2AQ1 | Page: 1

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : AK Instrument ID : Konelab

12/19/2019 12:59

Test: Ammonia-N

mg/L

| Sample Id | Result | Dil. 1 + | Response | Errors |
|---|---|---|---|---|
| ICV1 | 0.946 | 0.0 | 0.176 | |
| ICB1 | 0.005 | 0.0 | 0.039 | |
| CCV1 | 0.941 | 0.0 | 0.175 | |
| CCB1 | 0.008 | 0.0 | 0.039 | |
| PB125557BL | -0.000 | 0.0 | 0.038 | |
| PB125557BS | 0.928 | 0.0 | 0.173 | |
| K6315-03 | 0.522 | 0.0 | 0.114 | |
| K6315-03DUP | 0.536 | 0.0 | 0.116 | |
| K6315-03MS | 1.389 | 0.0 | 0.241 | |
| ~~K6315-03MS~~ | ~~1.353~~ | ~~0.0~~ | ~~0.235~~ | |
| ~~K6315-03MSD~~ | ~~1.540~~ | ~~0.0~~ | ~~0.263~~ | |
| K6315-03MSD | 1.383 | 0.0 | 0.240 | |
| K6316-03 | 0.378 | 0.0 | 0.093 | |
| K6347-01 | 0.100 | 0.0 | 0.053 | |
| K6347-02 | 0.117 | 0.0 | 0.055 | |
| K6347-03 | 0.093 | 0.0 | 0.052 | |
| CCV2 | 0.931 | 0.0 | 0.174 | |
| CCB2 | 0.010 | 0.0 | 0.040 | |
| K6369-01 | 0.099 | 0.0 | 0.053 | |
| K6347-04 | 0.047 | 0.0 | 0.045 | |
| K6369-02 | 0.271 | 0.0 | 0.078 | |
| K6369-03 | 0.281 | 0.0 | 0.079 | |
| K6369-04 | 1.289 | 0.0 | 0.226 | |
| CCV3 | 0.940 | 0.0 | 0.175 | |
| CCB3 | 0.015 | 0.0 | 0.040 | |

AK 12/19/19

| | |
|---|---|
| N | 25 |
| Mean | 0.565 |
| SD | 0.5409 |
| CV% | 95.76 |

Aquakem v. 7.2AQ1
Results from time period:
Thu Dec 19 11:11:31 2019
Thu Dec 19 12:35:47 2019

AR

| Sample Id | Sam/Ctr/c | Test short n | Test type | Result | Result unit | Result date and time | Stat |
|---|---|---|---|---|---|---|---|
| 0.1PPM | A | Ammonia-I | P | 0.0936 | mg/l | 12/19/2019 11:39:45 | |
| 0.2PPM | A | Ammonia-I | P | 0.2023 | mg/l | 12/19/2019 11:39:46 | |
| 0.4PPM | A | Ammonia-I | P | 0.4054 | mg/l | 12/19/2019 11:39:47 | |
| 1.0PPM | A | Ammonia-I | P | 0.9858 | mg/l | 12/19/2019 11:39:48 | |
| 1.3PPM | A | Ammonia-I | P | 1.3538 | mg/l | 12/19/2019 11:39:49 | |
| 2.0PPM | A | Ammonia-I | P | 1.9925 | mg/l | 12/19/2019 11:39:50 | |
| ICV1 | S | Ammonia-I | P | 0.9464 | mg/l | 12/19/2019 12:20:11 | |
| ICB1 | S | Ammonia-I | P | 0.0052 | mg/l | 12/19/2019 12:20:12 | |
| CCV1 | S | Ammonia-I | P | 0.9414 | mg/l | 12/19/2019 12:20:13 | |
| CCB1 | S | Ammonia-I | P | 0.0081 | mg/l | 12/19/2019 12:20:14 | |
| PB125557BL | S | Ammonia-I | P | -0.0004 | mg/l | 12/19/2019 12:20:15 | |
| PB125557BS | S | Ammonia-I | P | 0.9279 | mg/l | 12/19/2019 12:20:16 | |
| K6315-03 | S | Ammonia-I | P | 0.5218 | mg/l | 12/19/2019 12:20:17 | |
| K6315-03DUP | S | Ammonia-I | P | 0.5359 | mg/l | 12/19/2019 12:20:18 | |
| K6315-03MS | S | Ammonia-I | P | 1.3889 | mg/l | 12/19/2019 12:20:19 | |
| K6315-03MSD | S | Ammonia-I | P | 1.383 | mg/l | 12/19/2019 12:20:22 | |
| K6316-03 | S | Ammonia-I | P | 0.3781 | mg/l | 12/19/2019 12:30:52 | |
| K6347-01 | S | Ammonia-I | P | 0.0999 | mg/l | 12/19/2019 12:30:53 | |
| K6347-02 | S | Ammonia-I | P | 0.1166 | mg/l | 12/19/2019 12:30:54 | |
| K6347-03 | S | Ammonia-I | P | 0.0931 | mg/l | 12/19/2019 12:30:55 | |
| CCV2 | S | Ammonia-I | P | 0.9311 | mg/l | 12/19/2019 12:30:56 | |
| CCB2 | S | Ammonia-I | P | 0.0098 | mg/l | 12/19/2019 12:30:57 | |
| K6369-01 | S | Ammonia-I | P | 0.0988 | mg/l | 12/19/2019 12:30:58 | |
| K6347-04 | S | Ammonia-I | P | 0.0468 | mg/l | 12/19/2019 12:30:59 | |
| K6369-02 | S | Ammonia-I | P | 0.2707 | mg/l | 12/19/2019 12:31:00 | |
| K6369-03 | S | Ammonia-I | P | 0.2812 | mg/l | 12/19/2019 12:31:01 | |
| K6369-04 | S | Ammonia-I | P | 1.2893 | mg/l | 12/19/2019 12:31:02 | |
| CCV3 | S | Ammonia-I | P | 0.9396 | mg/l | 12/19/2019 12:31:03 | |
| CCB3 | S | Ammonia-I | P | 0.0154 | mg/l | 12/19/2019 12:35:46 | |

Calibration results Aquakem 7.2AQ1 Page: 1

CHEMTECH
284 Sheffield Street,
Mountainside, NJ 07092
Reviewed by : _____ Instrument ID : Konelab

12/19/2019 11:44

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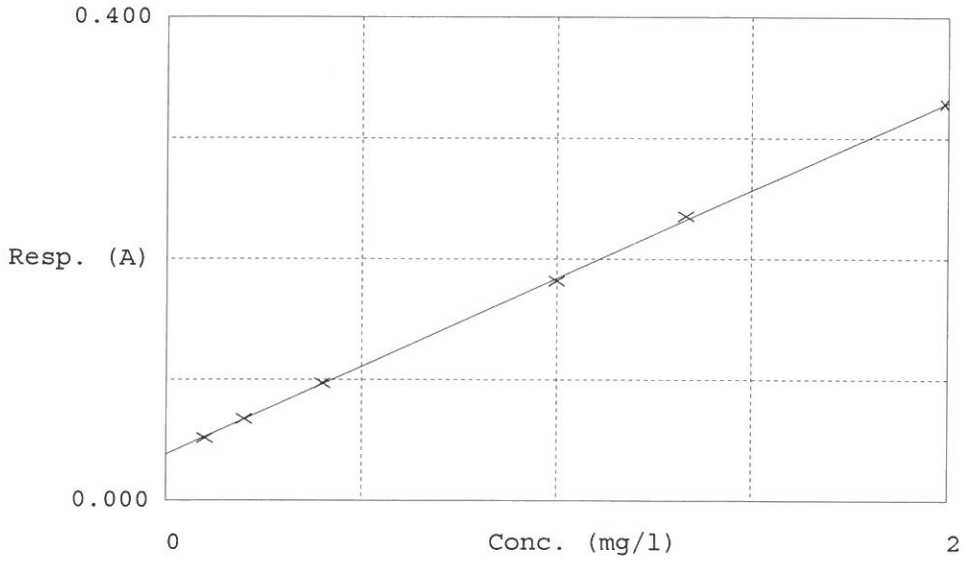
Test Ammonia-N

Accepted 12/19/2019 11:44

Factor 6.86
Bias 0.038

Coeff. of det. 0.999728

Errors




| | Calibrator | Response | Calc. con. | Conc. | Errors |
|---|---|---|---|---|---|
| 1 | NH3-2PPM | 0.052 | 0.0936 | 0.1000 | |
| 2 | NH3-2PPM | 0.068 | 0.2023 | 0.2000 | |
| 3 | NH3-2PPM | 0.097 | 0.4054 | 0.4000 | |
| 4 | NH3-2PPM | 0.182 | 0.9858 | 1.0000 | |
| 5 | NH3-2PPM | 0.235 | 1.3538 | 1.3333 | |
| 6 | NH3-2PPM | 0.329 | 1.9925 | 2.0000 | |